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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>Complete if Known</b>	
Sheet	1	of	2	Application Number	10/537,001
				Filing Date	May 20, 2005
				First Named Inventor	AKIYAMA et al.
				Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	3190-078

[illegible]

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NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cito No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city, and/or country where published.	T <sup>2</sup>				
DS		KAWASAKI et al., "Mutated APC and Asef are Involved in the Migration of Colorectal Tumor Cells," NATURE CELL BIOLOGY, Vol. 5, March 2003 (pgs. 211-215).					
		JIMBO et al., "A New Stage of a Study of APC Protein," MOLECULAR MEDICINE, Vol. 39, No. 11, 2002 (pgs. 1274 - 1279) (with partial English translation).					
		AKIYAMA, "The Tumor Suppressor Gene Product APC and Asef," JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE, Vol. 205, No. 13, 2003 (pg. 1001) (with partial English translation).					
		KAWASAKI et al., "A Mutated APC/Asef Complex is Involved in Motility of Colorectal Cancer Cells," SUPPLEMENT OF JAPANESE JOURNAL OF CANCER RESEARCH, No. 3048, Vol. 61, 2002 (pg. 111) (with partial English translation).					
		KAWASAKI et al., "Asef, a Link Between the Tumor Suppressor APC and G-Protein Signaling," SCIENCE, Vol. 289, August 18, 2000 (pgs. 1194-1197).					
		KAWASAKI et al., "A Novel Function of the Tumor Suppressor Gene Product APC," PROTEIN, NUCLEIC ACID AND ENZYME, Vol. 46, No. 3, 2001 (pgs. 228-232) (with partial English translation).					
		SENDA, "APC Tumor Suppressor Gene - Diversity of its Expression and Functions," JPN. J. CLIN. ELECTRON MICROSC., Vol. 33, No. 2, 2001 (pgs. 65-74) (with partial English translation).					
		PADDISON et al., "Short Hairpin RNAs (shRNAs) Induce Sequence-Specific Silencing in Mammalian Cells," GENES & DEVELOPMENT, Vol. 16, No. 8, 2002 (pgs. 948-958).					
		JENUWEIN, "An RNA-Guided Pathway for the Epigenome," SCIENCE, Vol. 297, September 27, 2002 (pgs. 2215-2218).					
		KINZLER et al., "Lessons from Hereditary Colorectal Cancer," CELL, Vol. 87, October 18, 1996 (pgs. 159-170).					
		FEARNHEAD et al., "The ABC of APC," HUMAN MOLECULAR GENETICS, Vol. 10, No. 7, 2001 (pgs. 721-733).					
		BIENZ et al., "Linking Colorectal Cancer to Wnt Signaling," CELL, Vol. 103, October 13, 2000 (pgs. 311-320).					
		PEIFER et al., "Wnt Signaling in Oncogenesis and Embryogenesis - A Look Outside the Nucleus," SCIENCE, Vol. 287, March 3, 2000 (pgs. 1606-1609).					
		AKIYAMA, "Wnt/ $\beta$ -Catenin Signaling," CYTOKINE & GROWTH FACTOR REVIEWS, Vol. 11, 2000 (pgs. 273-282).					
		MIYOSHI et al., "Somatic Mutations of the APC Gene in Colorectal Tumors: Mutation Cluster Region in the APC Gene," HUMAN MOLECULAR GENETICS, Vol. 1, No. 4, 1992 (pgs. 229-233).					
		NAGASE et al., "Mutations of the APC (Adenomatous Polyposis Coli) Gene," HUMAN MUTATION, Vol. 2, 1993 (pgs. 425-434).					
		MOLENAAR et al., "XTcf-3 Transcription Factor Mediates $\beta$ -Catenin-Induced Axis Formation in Xenopus Embryos," CELL, Vol. 86, August 9, 1996 (pgs. 391-399).					
		BEHRENS et al., "Functional Interaction of $\beta$ -Catenin With the Transcription Factor LEF-1," NATURE, Vol. 382, August 15, 1996 (pgs. 638-642).					
		WONG et al., "Forced Expression of the Tumor Suppressor Adenomatosis Polyposis Coli Protein Induces Disordered Cell Migration in the Intestinal Epithelium," PROC. NATL. ACAD. SCI, USA, Vol. 93, September 1996 (pgs. 9588-9593).					
		OSHIMA et al., "Morphological and Molecular Processes of Polyp Formation in Apc <sup>+/+</sup> Knockout Mice," CANCER RESEARCH, Vol. 57, May 1, 1997 (pgs. 1644-1649).					
DS		International Search Report for PCT/JP03/10449 dated December 2, 2003.					
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